

## PAA TEST STRIP USES and HINTS

**Part Number: D-7392.4**

**Quantity: 50 each in plastic snap-top vial**

Test strips for Perasan or Perasan 'A' peroxyacetic acid products can be a convenient and fast method to get qualitative results on peracetic acid concentrations *without* interference from hydrogen peroxide.

**LIMITATIONS:** Enviro Tech's test strips are calibrated to compare the relative color to a color chart. The targets on the color chart are 10, 20, 40, 60, 85, 100 ppm as active peroxyacetic acid. However, one should not consider any levels over 60 ppm as being accurate. Levels of PAA higher than 60 ppm are for *relative* comparison purposes. Above a 60 ppm reading it is too difficult to distinguish between different shades of brown. The most accurate range for these strips is 0-40 ppm active PAA.

**RECOMMENDATIONS:** When the level of PAA is over 40 ppm, simply dilute the sample product and multiply by the dilution factor. For example, dilute 10 ml of sample with tap water to a 50 ml mark in a graduated cylinder. Take the reading as instructed on the vial, and multiply the result by 5. The same could be said for a 50%-50% dilution of the sample with water. The multiplier would then be times 2.

**TIPS:** Submerge the test strip in the test sample for about 10 seconds. Do not shake off excess water. Wait about 15 seconds and compare the color on the color chart. Samples will darken with time so do not wait too long to compare the colors, or false high readings will result.

